

ABSTRACT

A portable imaging device having a data processing system, imaging and sensing devices records objects of interest as images and includes a terminal connection for transmitting the
5 images to a network. Sensing devices record location and environmental conditions related to the object of interest. The device is linked to a positioning determining system. The device records an image and environmental information related to the image and incorporates into the image stored descriptive information based on location information. The image may be
A5 translated into an analog or digital picture incorporating the recorded location, environmental and
10 descriptive information. The device may be linked by wire or wirelessly via the terminal connection to a network including a server and a PC terminal. The recorded image, location and environmental information are transmitted by the device over the network to the server using a wireless connection for download and editing by a user.